

SUPPLEMENTAL COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS FOR DIAGNOSIS AND TREATMENT OF DISEASES OF MDK1 SIGNAL TRANSDUCTION DISORDERS the specification of which

is attached hereto.

 X was filed on January 3, 1995 as Application Serial No. 08/368,776 and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Richard W. Warburg, Reg. No. 32,327.

(X) Kindly recognize as associate attorney:

Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; William E. Thomson, Jr., Reg. No. 29,719; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,035; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; Suzanne L. Biggs, Reg. No. 30,158; Steven M. Weiss, Reg. No. 37,534; F.T. Alexandra Mahaney, Reg. No. 37,668; Sheldon O. Heber, Reg. No. P38,179; Charles S. Berkman, Reg. No. P38,077; Jeffrey W. Guise, Reg. No. 34,613; and Anthony C. Chen, Reg. No. P38,673, of LYON & LYON, 611 West Sixth Street, Los Angeles, California 90017, Telephone (619) 552-8400.

Address all telephone calls to Richard J. Warburg, Esq., at telephone no. (619) 552-8400.

Address all correspondence to LYON & LYON, 611 West Sixth Street, Los Angeles, California 90017.

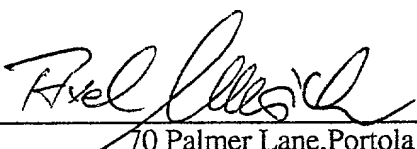
208/007-021-002

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patents issuing thereon.

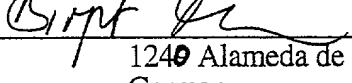
Full name of sole or first inventor: Thomas Ciossek

Inventor's signature _____ Date: _____
 Residence: Elvira Strasse 13, 80636 Munich, Germany
 Citizenship: German
 Post Office Address: Elvira Strasse 13, 80636 Munich, Germany

Full name of sole or second inventor: Axel Ullrich

Inventor's signature  Date: 1/20/95
 Residence: 70 Palmer Lane, Portola Valley, California 94028
 Citizenship: German
 Post Office Address: 70 Palmer Lane, Portola Valley, California 94028

Full name of inventor: Birgit Millauer

Inventor's signature  Date: 1/24/95
 Residence: 1240 Alameda de las Pulgas, Apt. 202, Belmont, California 94002
 Citizenship: German
 Post Office Address: 1240 Alameda de las Pulgas, Apt. 202, Belmont, California 94002

2021.20.490E200F

SUPPLEMENTAL COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

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is attached hereto.

X

was filed on January 3, 1995 as Application Serial No. 08/368,776 and was amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

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(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Richard W. Warburg, Reg. No. 32,327.

(X) Kindly recognize as associate attorney:

Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; William E. Thomson, Jr., Reg. No. 29,719; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,035; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; Suzanne L. Biggs, Reg. No. 30,158; Steven M. Weiss, Reg. No. 37,534; F.T. Alexandra Mahaney, Reg. No. 37,668; Sheldon O. Heber, Reg. No. P38,179; Charles S. Berkman, Reg. No. P38,077; Jeffrey W. Guise, Reg. No. 34,613; and Anthony C. Chen, Reg. No. P38,673, of LYON & LYON, 611 West Sixth Street, Los Angeles, California 90017, Telephone (619) 552-8400.

Address all telephone calls to Richard J. Warburg, Esq., at telephone no. (619) 552-8400.

Address all correspondence to LYON & LYON, 611 West Sixth Street, Los Angeles, California 90017.

20240314 19950103

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patents issuing thereon.

Full name of sole or first inventor: Thomas Ciossek

Inventor's signature Thomas Ciossek Date: 11/21/95
 Residence: Elvira Strasse 13, 80636 Munich, Germany
 Citizenship: German
 Post Office Address: Elvira Strasse 13, 80636 Munich, Germany

Full name of sole or second inventor: Axel Ullrich

Inventor's signature Axel Ullrich Date: 11/20/95
 Residence: 70 Palmer Lane, Portola Valley, California 94028
 Citizenship: German
 Post Office Address: 70 Palmer Lane, Portola Valley, California 94028

Full name of inventor: Birgit Millauer

Inventor's signature Birgit Millauer Date: 11/24/95
 Residence: 1240 Alameda de las Pulgas, Apt. 202, Belmont, California 94002
 Citizenship: German
 Post Office Address: 1240 Alameda de las Pulgas, Apt. 202, Belmont, California 94002

202729 "4902/007"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 38602/164

Applicant: Thomas CLOSSEK *et al.*
 Appl. No.: 08/438,265
 Filing Date: May 9, 1995
 Examiner: S. Ungar
 Art Unit: 1642
 Title: METHODS FOR DIAGNOSIS AND TREATMENT OF MDKI SIGNAL
 TRANSDUCTION DISORDERS

REVOCATION OF PRIOR POWERS OF ATTORNEY AND
APPOINTMENT OF NEW POWER OF ATTORNEY BY ASSIGNEE
CHANGE OF CORRESPONDENCE ADDRESS

Assistant Commissioner for Patents
 Washington, D.C. 20231

Sir:

MAX PLANCK is the ASSIGNEE of Application No. 08/368,776, filed January 3, 1995, and all continuing applications thereof, as evidenced by an Assignment recorded in the U.S. Patent and Trademark Office on April 3, 1995 at Reel 0013, Frame 7538.

MAX PLANCK through its duly-delegated representative, hereby revokes all prior Powers of Attorney submitted in this application, and hereby appoints the following registered attorneys and agents of the law firm of FOLEY & LARDNER:

STEPHEN A. BENT	Reg. No. 29,768
DAVID A. BLUMENTHAL	Reg. No. 26,257
BETH A. BJRRIOUS	Reg. No. 35,087
ALAN I. CANTOR	Reg. No. 28,163
WILLIAM T. ELLIS	Reg. No. 26,874
JOHN J. FELDHAUS	Reg. No. 28,822
PATRICIA D. GRANADOS	Reg. No. 33,683
JOHN P. ISACSON	Reg. No. 33,715
MICHAEL D. KAMINSKI	Reg. No. 32,904
LYLE K. KIMMS	Reg. No. 34,079
KENNETH E. KROSIN	Reg. No. 25,735
JOHNNY A. KUMAR	Reg. No. 34,649
GLENN LAW	Reg. No. 34,371
PETER G. MACK	Reg. No. 26,001
BRIAN J. MC NAMARA	Reg. No. 32,789
SYBIL MELOY	Reg. No. 22,749
RICHARD C. PEET	Reg. No. 35,792
GEORGE E. QUILLIN	Reg. No. 32,792
COLIN G. SANDERCOCK	Reg. No. 31,298
BERNHARD D. SAXE	Reg. No. 28,665

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 202329-4902/001

Atty. Dkt. No. 38602/164

CHARLES F. SCHILL	Reg. No. 27,590
RICHARD L. SCHWAAB	Reg. No. 25,479
ARTHUR SCHWARTZ	Reg. No. 22,115
HAROLD C. WEGNER	Reg. No. 25,258

and the following additional attorneys and agents: Christopher J. Smith, Reg. No. 40,179; H. Thomas Anderton, Jr., Reg. No. 40,895; Donna D. Johnson, Reg. No. 45,544; as its principal attorneys to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, to transact all business in the United States Patent and Trademark Office connected therewith, and to have full power of substitution, association, and revocation, including the power to revoke the power of attorney of any associate attorney.

Assignee understands and agrees that the foregoing attorneys and agents appointed by Assignee to prosecute this application do not generally represent the Assignee or its legal interests, but instead are being appointed for the limited purpose of prosecuting this patent application, as described above.

Please direct all future correspondence concerning this application to:

Beth A. Burrous or John P. Isacson

FOLEY & LARDNER
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5109

Telephone: (202) 672-5300
Facsimile: (202) 672-5399

Executed this 21 day of Sept., 2000.

~~SUGEN~~ Inc.: Max-Planck-Gesellschaft zur Förderung der
Wissenschaften e.V.,

By:


(Signature)

Christa Herzog
(Printed Name)

Head of Patent-Department
(Title)

202120 4982001



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 29, 1995

PTAS

RICHARD J. WARBURG
SAN DIEGO OFFICE
633 WEST FIFTH STREET, SUITE 4700
LOS ANGELES, CA 90071



100016066A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/03/1995

REEL/FRAME: 7538/0013
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
CIOSSEK, THOMAS

DOC DATE: 01/20/1995

ASSIGNOR:
ULLRICH, AXEL

DOC DATE: 01/20/1995

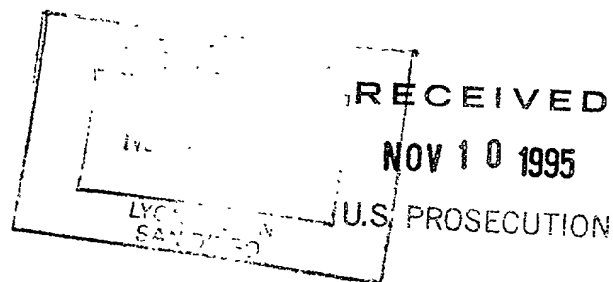
ASSIGNOR:
MILLAUER, BIRGIT

DOC DATE: 01/20/1995

ASSIGNEE:
MAX-PANCK-GESELLSCHAFT ZUR FORDERUNG DER WEISSENSCHAFTEN
HOFGARTENSTRASSE 2
MUNICH, FED REP GERMANY 80539

SERIAL NUMBER: 08368776
PATENT NUMBER:

FILING DATE: 01/03/1995
ISSUE DATE:



For valuable consideration, we, Thomas CIOSEK, Axel ULLRICH and Birgit MILLAUER of Elvira Strasse 13, 80636 Munich, Germany; of 70 Palmer Lane, Portola Valley, California 95028; of 1240 Alameda de las Pulgas, Apt. 202, Belmont, California 94002, hereby assign to Max-Planck-Gesellschaft zur Förderung der Wissenschaften, e.V., a non-profit organization having a place of business at Hofgartenstraße 2, 80539 Munich, Germany, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent signed by us this day, entitled METHODS FOR DIAGNOSIS AND TREATMENT OF DISEASES OF MDK1 SIGNAL TRANSDUCTION DISORDERS, filed on January 3, 1995, U.S. Serial No. 08/368,776, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____, _____ this
day of _____, 1995.

State of _____ :
County of _____ :
SS. _____

THOMAS CIOSSEK

Before me this ____ day of _____, 19__, personally appeared THOMAS CIOSEK known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Notary's
Seal Here]

Notary Public

My commission expires:

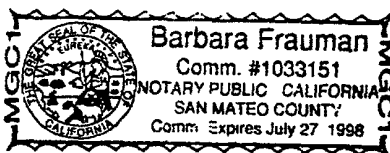
IN WITNESS WHEREOF, I hereto set my hand and seal at Redwood City, California this 20th day of January, 1995.

State of California :
County of San Mateo : ss.

Axel Ullrich
AXEL ULLRICH

Before me this 20th day of January, 1995, personally appeared AXEL ULLRICH known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Notary's
Seal Here]



Barbara Frauman
Notary Public

My commission expires: 7/27/98

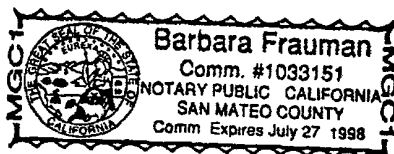
IN WITNESS WHEREOF, I hereto set my hand and seal at _____, _____ this day of 1/20, 1995

State of California :
County of San Mateo : ss.

Birgit Millauer
BIRGIT MILLAUER

Before me this 20th day of January, 1995, personally appeared BIRGIT MILLAUER known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that she executed the same as her free act and deed for the purposes therein contained.

[Notary's
Seal Here]



Barbara Frauman
Notary Public

My commission expires: 7/27/98

ASSIGNMENT

For valuable consideration, we, Thomas CIOSEK, Axel ULLRICH and Birgit MILLAUER of Elvira Strasse 13, 80636 Munich, Germany; of 70 Palmer Lane, Portola Valley, California 95028; of 1240 Alameda de las Pulgas, Apt. 202, Belmont, California 94002, hereby assign to Max-Planck-Gesellschaft zur Forderung der Wissenschaften, e.V., a non-profit organization having a place of business at Hofgartenstraße 2, 80539 Munich, Germany, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent signed by us this day, entitled METHODS FOR DIAGNOSIS AND TREATMENT OF DISEASES OF MDK1 SIGNAL TRANSDUCTION DISORDERS, filed on January 3, 1995, U.S. Serial No. 08/368,776, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Munich, Germany this day of 21-7, 1995.

State of _____ :
County of _____ :
ss.

Thomas Ciosek
THOMAS CIOSEK

Before me this ____ day of _____, 19__, personally appeared THOMAS CIOSEK known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Notary's
Seal Here]

Notary Public

My commission expires:

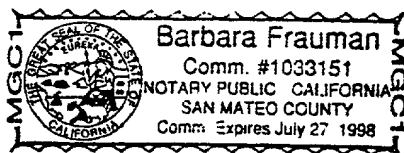
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State of California :
County of San Mateo : SS.

Axel Ullrich
AXEL ULLRICH

Before me this 20th day of January, 1995, personally appeared AXEL ULLRICH known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Notary's
Seal Here]



Barbara Frauman
Notary Public

My commission expires: 7/27/98

IN WITNESS WHEREOF, I hereto set my hand and seal at _____, _____ this day of 1/20, 1995

B. L. & Co.
BIRGIT MILLAUER

State of California :
County of San Mateo : SS.

Before me this 20th day of January, 1995, personally appeared BIRGIT MILLAUER known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that she executed the same as her free act and deed for the purposes therein contained.

[Notary's
Seal Here]



Barbara Frauman
Notary Public

My commission expires: 7/27/98

URNr. 0534 A/1995

Ich beglaube die Echtheit der vorstehenden,
vor mir anerkannten Unterschrift von

Herrn Thomas C i o s s e k ,
geb. am 13.08.1967, Doktorand,
wohnhaft Elvirastr. 13, 80636 München,

ausgewiesen durch Personalausweis.

München, den 17. Februar 1995



[Handwritten signature]
Notar

0534

File No. 0534 A/1995

I hereby certify that the above is the true signature,
acknowledged in my presence, of

Mr. Thomas C i o s s e k ,
born 13.08.1967, doktorand,
of Elvirastr. 13. 80646 Munich,

identified by his identity-card.

Munich, the 17th of February 1995

[Handwritten signature]
Notary

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